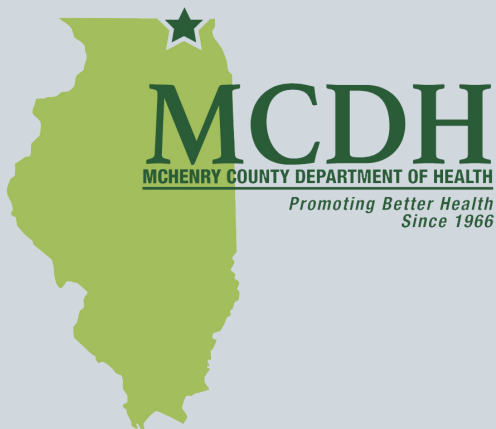


2019 Annual Report



McHenry County
Department of Health



**A Message from Melissa Adamson,
Public Health Administrator**

The Department of Health has a long history of—and takes great pride in—delivering programs and services that support its mission:

To prevent disease and promote and protect health and safety within McHenry County.

As part of a larger renovation project, the Administrative and Environmental Health Divisions were moved to the main County Administrative Building in spring 2019. This gave way for the reconstruction of Annex A and a consolidation of our Woodstock Public Health Nursing Division operations, programming and clinical services under one roof. To be responsive to customer needs and improve public access to certified birth and death certificates, the Administration Division expanded Vital Records to include our Crystal Lake location.

Our Veterinary Public Health (VPH) Division, also known as the McHenry County Animal Control and Adoption Center, worked to increase the percentage of animals returned to owners and decrease the average number of days an animal was housed as a stray in our facility by hosting 10 animal microchip clinics throughout McHenry County. VPH also responded to multiple animal abuse and neglect cases resulting in caring for and rehoming 26 horses due to Humane Care for Animal Act violations and/or public safety concerns.

Our Environmental Health Division facilitated several well-attended electronics, tire, battery and paper recycling events for county residents in partnership with the Environmental Defenders of McHenry County, McHenry County Division of Transportation and local townships and municipalities. Over one-hundred-twenty-five (125) tons of residential and open-dumped tires were collected and recycled.

The Illinois Department of Public Health (IDPH) provided additional funding to increase vaccination efforts to combat the increase in measles cases in the United States and other vaccine preventable diseases. Grant dollars helped purchase equipment that will be used to mobilize the nursing staff to provide vaccines throughout the county and outreach to vulnerable populations.

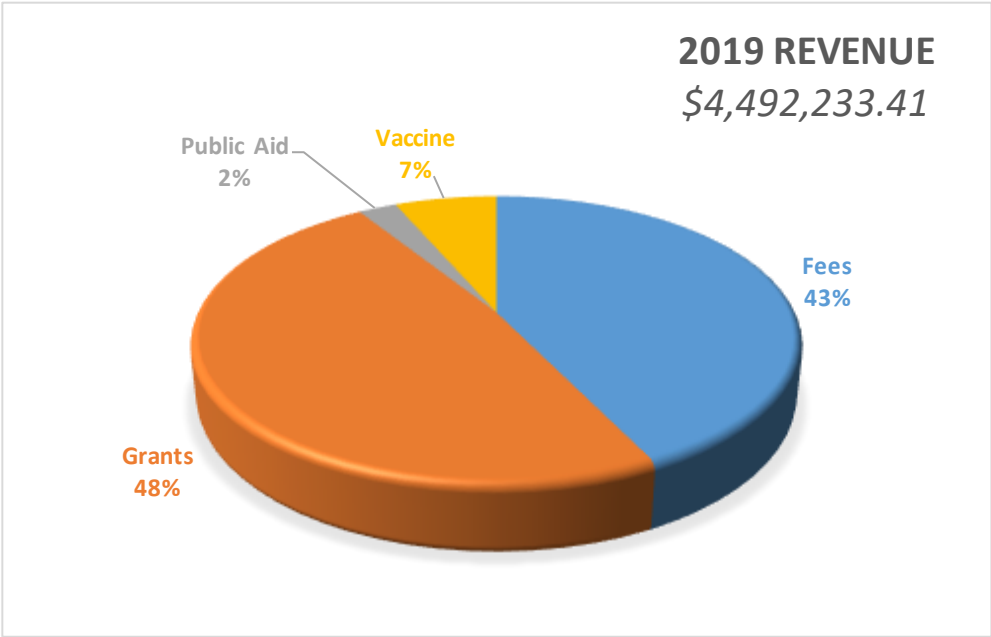
MCDH also launched several new initiatives this year, including Wise Woman, an early detection and health behavior change intervention for women at risk of cardiovascular disease; the Local Health Department Overdoses Surveillance and Response Project to develop capacity in planning, surveillance, and monitoring of opioid overdose trends; and Data Across Sectors for Health, a multi-sector collaboration to improve data-driven decision-making and advance data sharing across the County.

And finally, we worked with school districts across the County to increase awareness and education about Community Emergency Response Preparedness to better prepare the residents of McHenry County for any type of emergency.

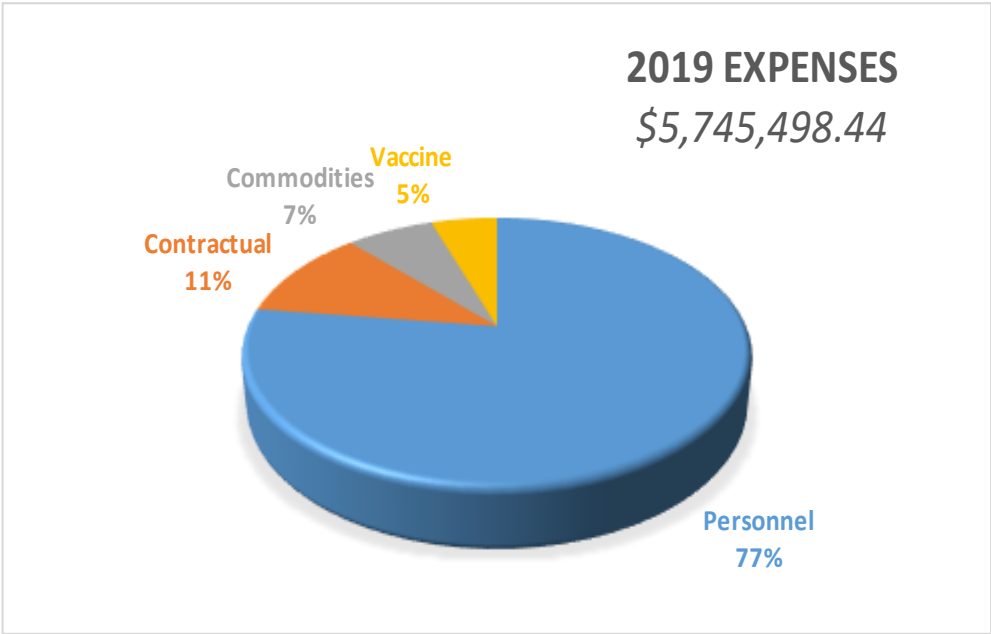
As I hope you will see as you read through our annual report, McHenry County Department of Health is working hard to assure the health and safety of the public and we are proud to serve the residents of this County.

McHenry County Department of Health Budget

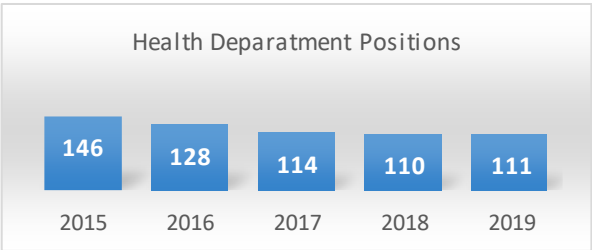
Fiscal Year 2019



FY 2019 Revenue	
Budgeted	Actual
5,079,172	4,492,233



FY 2019 Expenses	
Budgeted	Actual
6,502,334	5,745,598



Total number of Full Time
Equivalents (FTE's) for FY
2019 is 104.50

Public Health Nursing

Highlights

In 2019 the Nursing Division applied for and was awarded a grant from IDPH to develop an overdose surveillance plan to collect data from diverse partners throughout the County so as to better develop targeted interventions to combat opioid overdoses. Data user agreements are being established with community partners and the Internal Opioid Surveillance and Monitoring Protocol is being finalized.

Illinois Breast and Cervical Cancer Program (IBCCP) and Illinois WISEWOMAN Program (IWP)

In FY19, IBCCP served 590 uninsured or underinsured women in McHenry County with no-cost breast and/or cervical cancer screenings. Approximately 37% of the clients served throughout the year were also provided with additional diagnostic testing due to an abnormal exam. This year IBCCP staff also launched IWP - a sister program made possible through a separate grant to serve a portion of the women who have enrolled in IBCCP. IWP provides no-cost screening for cardiovascular disease risk along with health coaching to support them in implementing changes to a healthier lifestyle.



WIC

With a current case load of 3076 clients the MCDH WIC program continues to improve the health of low income women, infants and children in McHenry County. The program provides client centered nutritional counseling, health screenings as well as nutrient dense supplemental foods at no cost to participating families. WIC nutritionists and registered dietitians guide clients in setting achievable, nutrition goals and provides the education, support and resources necessary to achieve these goals. WIC Lactation professionals routinely provide breastfeeding education and support to new mothers. Our Breastfeeding peer counselor program provides trained women from the community to work alongside our new mothers as educators, role models and cheerleaders in their breastfeeding journeys. In addition, the MCDH WIC program provides immunization screenings and referrals, and links families to other needed assistance programs such as food pantries, health care providers, drug/alcohol programs, and childcare assistance.

“My children and I love the time we spend with the nutritionist. The children always look forward to our next visit” - Crystal Lake WIC client

“WIC really helps my family and the program has taught me a lot. The people in the office are very friendly and very helpful” - Woodstock WIC Client

Public Health Nursing

Community Health

The Community Health Program focuses on the improvement of population health through education and modification of policy, structure and physical environments. Community Health collaborates with schools, hospital systems, community organizations and many others to implement programs and strategies to assess, address and prevent public health concerns.

The Community Health Program also includes implementation of the Emergency Preparedness and Response programs. The Medical Reserve Corps (MRC), comprised of 170 medical and non-medical volunteers, is also a component of Community Health and Emergency Response program.

In 2019, the Emergency Response program conducted a Functional Exercise called, “Operation Dropbox”, that not only tested our emergency plans but helped collect donations for local veterans. The second year of this exercise included help from MRC volunteers as well as local partner organizations. The exercise resulted in over 2,000 pounds of donations for McHenry County Veterans and their families.

Community Health Programs	2019 Contacts
Body Mass Analysis Screening	24
Cardiovascular Screenings	40
Tobacco/Vaping Education	2716
Diabetes Education/Screening	653
Adult Influenza Immunizations	500
Vision Screenings	7,858
Hearing Screenings	10,995
General Health Education	1817
Heart Age Screenings	373
MAPP Cardiovascular Workgroup	266
MAPP Obesity & Nutrition Workgroup	234
MAPP Active Communities Workgroup	82
Emergency Preparedness Education	2002
Medical Reserve Corp Education	206
Total	26,113

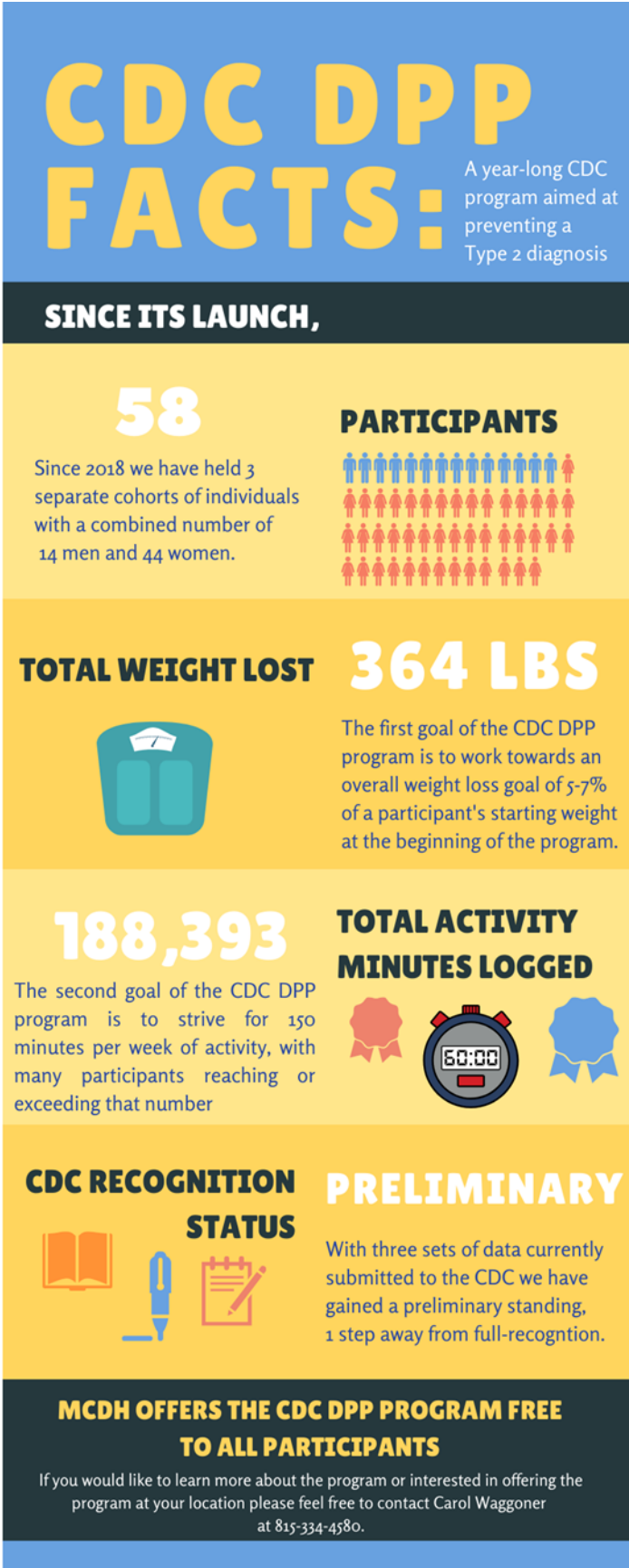


Vaping Presentation at Harvard High School.

In 2009, adverse outcomes in young adults directly related to vaping occurred. Education sessions have been provided to over 2716 students in 12 schools and 3 organizations on risks of vaping



Operation Dropbox, In 2019 our CDC Diabetic Prevention Program (DPP) completed three sets of data reports to the CDC, we have gained “Preliminary Standing”, one step from “Full CDC Recognition”



Public Health Nursing

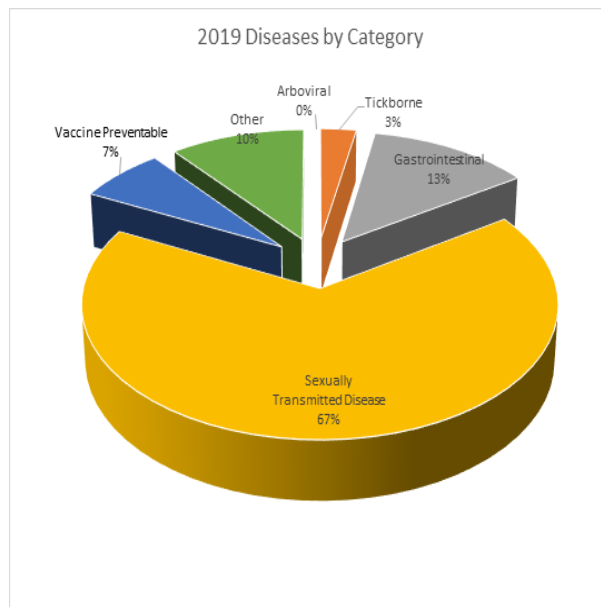
Maternal/Child Health

Our Lead program strives to express the importance of Lead Screening in not only children, but also those that are pregnant or intend to become pregnant. Our Lead nurse worked with the Planning and Development Department to collect and share data to help obtain the HUD Lead Abatement and Health Homes Initiative Award for McHenry County

Our High Risk Infant Follow-up (HRIF) program continues to server our community to promote growth and development with teaching the family care of the child in order to prevent complications, decrease morbidity and mortality and decrease stress and potential abuse as well as ensure early identification and referral for treatment and evaluation. Our Healthworks program provides guidance and medical case management to assure a healthy transition for children in DCFS custody to foster families who are opening their homes to give these children the best opportunities they can.

Communicable Disease

The Communicable Disease program focuses on surveillance, education, vaccination, disease investigation and outbreak control to help prevent the spread of communicable diseases in McHenry County.



2019 Surveillance Data

Total cases reported to Program = 1787 cases investigated with 1210 confirmed

Total outbreaks identified = 23

Total immunizations administered = 5212

Top 5 Reportable Infectious Diseases:

Chlamydia = 719

Gonorrhea = 77

Campylobacteriosis = 70

Hepatitis C = 63

Salmonella = 58

With 67% of infectious diseases reported in McHenry County in the sexually transmitted disease category, the Communicable Disease Program is outreaching to many community agencies, such as, Rosecrance and McHenry County College to provide education, testing, and treatment to at risk populations

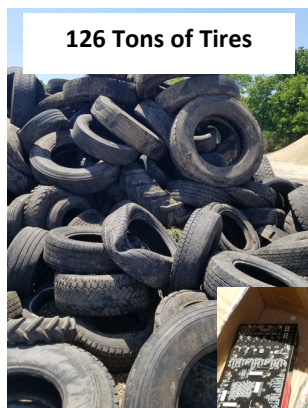
“I was very impressed with your presentation, how you engaged a group of various ages and the True/False summary was interesting and a great conversation starter!”- Rosecrance Counselor/STD Presentation

Environmental Health Highlights

Public Information, Education and Interaction



Solid Waste Program Recycling Events for 2019



Environmental Health Trend Data

Complaints Investigated:

Type	2017	2018	2019
Environmental*	26	64	71
Food Related	199	208	215
Housing	111	87	76
Onsite Wastewater Treatment	116	114	124
Private Water Well	16	25	40
Public Health Nuisance**	480	416	406
Surface Water	0	3	2
TOTAL:	948	917	934

Public Beaches

	2017	2018	2019
Number Public Beaches	38	38	37
Beach Inspections	165	79	86
Number Routine Samples	670	591	572
Number Resamples	242	142	124
Number of Advisories	18	16	20
Number of Closures	106	57	44

Private Sewage Permits:

	2017	2018	2019
New Septic Systems	62	51	70
Repair Septic Systems	32	30	22
Replacement Septic Systems	74	48	66
Abandoned Septic Systems	115	77	118
Septic System or Water	74	100	93

Laboratory:

Surface Water Samples:	2017	2018	2019
Bacterial	86	71	73
Chemical	18	0	15
Potable Water Samples:			
Bacterial Satisfactory	681	435	396
Bacterial Unsatisfactory	206	99	55
Nitrate Screens	19	52	56
Nitrate Quantified (Private Laboratory)	289	264	274

Food Protection:

Inspection Type	2017	2018	2019
Opening	209	183	232
Routine	2148	1560	2106
Reinspection	745	747	771
Temporary	829	874	798
Partial / Complaint	250	230	299
Farmers Market	22	10	14
Training	1098	946	1103
TOTAL INSPECTIONS	5301	4550	5323
Total Fixed/Mobile Facilities	1389	1387	1404
Cat 1	727	727	737
Cat 2	439	438	447
Cat 3	223	222	220

West Nile Virus

	2017	2018	2019
Number Mosquito Batches	150	196	125
Number of Positive Batches	11	10	1
Number of Birds Collected	14	10	3
Number of Positive Birds	0	1	0

Private Water Well Permits:

	2017	2018	2019
New Wells	72	70	73
Repair / Modify Wells	9	11	14
Replacement Wells	48	37	51
Abandoned Wells	105	78	122

Non-Community Public Water Supplies:

	2017	2018	2019
Surveys Completed	135	126	144

* Environmental includes body art, tanning, spills or releases, and general environmental concerns that do not fall under another category.

** Public Health Nuisance includes vector, solid waste, outdoor air quality, open burning and Smoke-Free Illinois issues.

Veterinary Public Health

Dog Registration

The McHenry County Public Health Ordinance, Article VI - Animal Control requires all dogs 4 months and over to be rabies vaccinated and registered. Dogs can be registered for a period of one year or three years. Registration fees are reduced for senior citizens and when animals have been spayed/neutered and/or identified with a microchip.



Dogs Vaccinated/Registered 1 year	20,279
Dogs Vaccinated/Registered 3 year	14,921
Total Dogs Registered	35,200



Veterinary Public Health

Volunteer Program

The Volunteer Program for the adoption center of McHenry County Animal Control is coordinated by the Health Educator. Volunteers are the heart of our adoption center as they socialize and support adoption efforts. Volunteers also assist staff with kennel sanitation and office duties.

Number of Volunteers	25
Total Volunteer Hours	3,500



Volunteers for Clear the Shelter Event

McHenry County Animal Control has participated in the nationally recognized “Clear the Shelter” adoption event since 2015. Teaming up with NBC and Telemundo helped the shelter place 24 animals in 2019.



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Visit us social media

